

**Abstract**

The invention concerns a machine for the chip-forming machining  
5 and the measurement of gears and screw-type workpieces. Arranged  
on a swivel head (6) swivellable about an axis (A) at right an-  
gles to the rotary axis of the workpiece (4) are functional  
units (8a, 8b, 8c, 8d) with machining and measuring tools (10,  
12, 14, 15, 17) which are displaceable radially and parallel  
10 relative to the swivel axis (A), which said tools can be brought  
consecutively into engagement with the workpiece (4), thus mak-  
ing possible the application of different tools (10, 12, 14, 15,  
17) and machining techniques in the same work set-up without  
colliding. The work spindle (1) is driven by electric motor ei-  
15 ther directly or via a gear unit.

(Fig. 1)